

Application No.: 10/813,874

1. A repository system for media publishing, comprising:

a plurality of storage devices configured to store a plurality of media items, the plurality of storage devices including a first storage device and a second storage device,

the first storage device configured to store a first type of media items, and

the second storage device configured to store a second type of media items; and

wherein the first type of media items is defined by a series of publishing variable including:

a format, a bit rate, a communication protocol, physical medium digital rights

management information associated with media items, and an encoding type and

compression technique used to reduce the physical size of the media items; and

wherein the second type of media items is defined by the same series of publishing variables with at least one of the publishing variables having a different value from

that of the first type of media items; and

metadata information relating to the plurality of media items stored in said plurality of storage devices,

wherein said metadata information enables hierarchical organization of the plurality of media items so that the media items are easily accessed, moved, added, and deleted.

2. The system of claim 1, wherein said plurality of storage devices is distributed over a network to configure the repository system as an online repository system.

3. The system of claim 2, wherein the online repository system is configured as a Web-based Distributed Authoring and Versioning (WebDAV) facility.

4. The system of claim 2, further comprising:

a communication servlet to allow management of media items stored in said plurality of storage devices using WebDAV-issued commands.

5. The system of claim 4, wherein the WebDAV-issued commands includes HTTP requests.

6. The system of claim 2, further comprising:

a plurality of repository filter services configured to provide a framework for performing operations on the plurality of media items while uploading and downloading the media items from the network.

7. The system of claim 6, further comprising:

a plurality of templates, each template specifying a particular format for the different type of media item.

8. The system of claim 7, wherein said plurality of repository filter services includes a transcoder operating to perform one or more operations on a media item to convert the media item from an original format to a format closer to or matching the particular format specified by the template.

9. The system of claim 6, wherein said plurality of repository filter services includes a media manipulation system to change a media item from one type to another type.

10. The system of claim 9, wherein said media manipulation system includes an image manipulation system configured to resize an image of the media item.

11. The system of claim 1, wherein said first type of media items is an image type of a JPEG format.

12. The system of claim 11, wherein said second type of media items includes a music type of an MP3 format.

13. The system of claim 11, wherein said second type of media items includes a streaming media type of a WAV format.

14. The system of claim 1, further comprising:
an asset table to encapsulate relationship between files and folders in said repository system.

15. A method of providing storage for media items in media publishing, comprising:
storing a first type of media items in a first storage device;
storing a second type of media items in a second storage device,

wherein the first type of media items is defined by a series of publishing variable including:

a format, a bit rate, a communication protocol, physical medium digital rights management information associated with media items, and an encoding type and compression technique used to reduce the physical size of the media items; and

wherein the second type of media items is defined by the same series of publishing variables with at least one of the publishing variables having a different value from that of the first type of media items; and

relating first metadata information to the first type of media items; and

relating second metadata information to the second type of media items, wherein said first and second metadata information enable hierarchical organization of the media items so that the media items are easily accessed, moved, added, and deleted.

16. The method of claim 15, further comprising:
configuring the first and second storage devices to be distributed over a network.

17. The method of claim 16, wherein the distributed first and second storage devices are configured as a Web-based Distributed Authoring and Versioning (WebDAV) facility.

18. The method of claim 17, further comprising:
managing media items stored in the distributed first and second storage devices using WebDAV-issued commands.

19. The method of claim 18, wherein the WebDAV-issued commands includes HTTP requests.

20. The method of claim 16, further comprising:
providing a framework for performing operations on retrieved media items while uploading and downloading media items from the network.

21. The method of claim 20, further comprising:
specifying a particular format for the media items.

22. The method of claim 21, wherein the frame work for performing operations on retrieved media items includes performing one or more transcoding operations on a media item to convert the media item from its original format to a format closer to or matching the particular format.

23. The method of claim 21, wherein the frame work for performing operations on retrieved media items includes changing the media item from one type to another type.

24. The method of claim 15, further comprising:
configuring the first and second storage devices into a virtual folder to enable storage of media items and metadata information independent of physical locations.

25. The method of claim 24, further comprising:

presenting the first and second types of media items according to the virtual folder to store the first and second types of media items independent of the first and second storage devices.

26. The method of claim 15, further comprising:

configuring the first and second storage devices into a plurality of virtual folders to enable storage of media items and metadata information independent of physical locations.

27. The method of claim 26, wherein configuring the first and second storage devices into a plurality of virtual folders includes enabling each user to have a different view of the stored media items than other users.

28. The method of claim 26, wherein configuring the first and second storage devices into a plurality of virtual folders includes customizing features of a presentation including the media items.

29. A computer program, stored in a tangible storage medium, for use in providing storage for media items in media publishing, the program comprising executable instructions that cause a computer to:

store a first type of media items in a first storage device;

store a second type of media items in a second storage device,

wherein the first type of media items is defined by a series of publishing variable including:

a format, a bit rate, a communication protocol, digital rights management information associated with media items, and an encoding type and compression technique used to reduce the physical size of the media items; and

wherein the second type of media items is defined by the same series of publishing variables with at least one of the publishing variables having a different value from that of the first type of media items; and

relate first metadata information to the first type of media items; and

relate second metadata information to the second type of media items, wherein said first and second metadata information enable hierarchical organization of the media items so that the media items are easily accessed, moved, added, and deleted.

34. A repository system for media publishing, comprising:

a plurality of storage means for storing a plurality of media items, the plurality of storage means including a first storage means and a second storage means,

the first storage means configured to store a first type of media items, and

the second storage means configured to store a second type of media items ; and

wherein the first type of media items is defined by a series of publishing variable including:

a format, a bit rate, a communication protocol, physical medium digital rights management information associated with media items, and an encoding type and compression technique used to reduce the physical size of the media items; and

wherein the second type of media items is defined by the same series and publishing variables with at least one of the publishing variables having a different value from that of the first type of media items; and

means for relating metadata information to the plurality of media items stored in said plurality of storage means,

wherein relating metadata information enables hierarchical organization of the plurality of media items so that the media items are easily accessed, moved, added, and deleted

35. A storage system for media publishing, comprising:

means for storing a first type of media items;

means for storing a second type of media items,

wherein the first type of media items is defined by a series of publishing variable including:

a format, a bit rate, a communication protocol, physical medium digital rights management information associated with media items, and an encoding type and compression technique used to reduce the physical size of the media items; and

wherein the second type of media items is defined by the same series of publishing variables with at least one of the publishing variables having a different value from that of the first type of media items; and

means for relating first metadata information to the first type of media items; and

means for relating second metadata information to the second type of media items,

wherein said first and second metadata information enable hierarchical organization of the media items so that the media items are easily accessed, moved, added, and deleted.